
LETTER FROM THE CO-EDITORS

- S1** **The 2013 Educational Supplement on Hematopoietic Cell Transplantation**
Catherine M. Bollard, Vanderson Rocha

SECTION I: CARs

- S2** **Chimeric Antigen Receptor–Modified T Cells: Clinical Translation in Stem Cell Transplantation and Beyond**
Stanley R. Riddell, Michael C. Jensen, Carl H. June

SECTION II: NON-MALIGNANT DISORDERS

- S6** **HCT for Nonmalignant Disorders**
John F. Tisdale, Mary Eapen, Riccardo Saccardi

SECTION III: GVH RESPONSES

- S10** **Biology of Graft-versus-Host Responses: Recent Insights**
Kelli P. MacDonald, Warren D. Shlomchik, Pavan Reddy

SECTION IV: NMDP SESSION

- S15** **National Marrow Donor Program Session: Donor Issues**
Willis H. Navarro, Galen E. Switzer, Michael Pulsipher

SECTION V: MULTIPLE MYELOMA

- S20** **Multiple Myeloma: Future Directions in Autologous Transplantation and Novel Agents**
Parameswaran N. Hari, Philip L. McCarthy

SECTION VI: BMT FOR LYMPHOMA

- S26** **Controversies in BMT for Lymphoma**
Randy D. Gascoyne, Craig Moskowitz, Thomas C. Shea

SECTION VII: LEUKEMIA STEM CELLS

- S33** **Emerging Importance of Mutational Analysis in Myelodysplastic Syndrome and Acute Myelogenous Leukemia**
Aaron T. Gerds, Matthew J. Walter, Bart L. Scott

SECTION VIII: PEDS-LYMPHOMAS

- S38** **Advances in Hematopoietic Stem Cell Transplantation in Childhood and Adolescent Lymphomas**
Mitchell S. Cairo, Willi Woessmann, John Pagel

SECTION IX: PEDS—IMMUNOLOGY

- S44 Viewing Transplantation Immunology Through Today's Lens:
New Models, New Imaging, and New Insights**
*Alex Y. Huang, W. Nicholas Haining, Deborah S. Barkauskas, Jay T. Myers,
Agne Petrosiute, Aneesah P. Garrett, Karnail Singh, Kenneth R. Cooke, Leslie S. Kean*

SECTION X: PEDS—UNIQUE POPULATIONS

- S52 Hematopoietic Stem Cell Transplantation in Unique Pediatric
Populations: Adolescents, Infants, and Children with Down
Syndrome**
Christine N. Duncan, Jennifer J. Clark, Lewis B. Silverman

SECTION XI: PEDS—METABOLIC DISORDERS

- S58 Multi-Institutional Assessments of Transplantation for Metabolic
Disorders**
Paul Orchard, Jaap Jan Boelens, Gerald Raymond

SECTION XII: PEDS—GENE THERAPY

- S64 Gene Therapy Through Autologous Transplantation of Gene-Modified
Hematopoietic Stem Cells**
Donald B. Kohn, Sung-Yun Pai, Michel Sadelain

SECTION XIII: PEDS—INTERNATIONAL

- S70 Hematopoietic Cell Transplantation for Thalassemia: A Global
Perspective BMT Tandem Meeting 2013**
Parinda A. Mehta, Lawrence B. Faulkner

SECTION XIV: CORD BLOOD

- S74 Cord Blood Graft Engineering**
Colleen Delaney, Catherine M. Bollard, Elizabeth J. Shpall

SECTION XV: IMMUNE RECONSTITUTION

- S79 Enhancing Immune Reconstitution: From Bench to Bedside**
*Marcel van Den Brink, Ann M. Leen, Kristin Baird, Melinda Merchant,
Crystal Mackall, Catherine M. Bollard*

SECTION XVI: STATISTICAL APPROACHES

- S84 Review of Multistate Models in Hematopoietic Cell Transplantation
Studies**
Brent R. Logan

SECTION XVII: TRANSPLANT COMPLICATIONS

- S88 Hepatic Veno-Occlusive Disease after Hematopoietic Stem Cell Transplantation: Novel Insights to Pathogenesis, Current Status of Treatment, and Future Directions**
P.G. Richardson, V.T. Ho, C. Cutler, B. Glotzbecker, J.H. Antin, R. Soiffer

SECTION XVIII: ALTERNATIVE DONOR TRANSPLANTATION

- S91 New Approaches in Alternative Donor Transplantation**
Marcelo Fernandez Vina, Helen E. Heslop, Juliet N. Barker

SECTION XIX: CANCER VACCINES

- S97 Cancer Vaccines and T Cell Therapy**
Katayoun Rezvani, Joshua D. Brody, Holbrook E. Kohrt, Aaron C. Logan, Ranjana Advani, Debra Katherine Czerwinski, Wen-Kai Weng, Robert S. Negrin, Victoria Carlton, Malek Faham, Ronald Levy, John Barrett

SECTION XX: GVHD

- S102 Graft-versus-Host Disease: State of the Science**
Amin M. Alousi, Javier Bolaños-Meade, Stephanie J. Lee